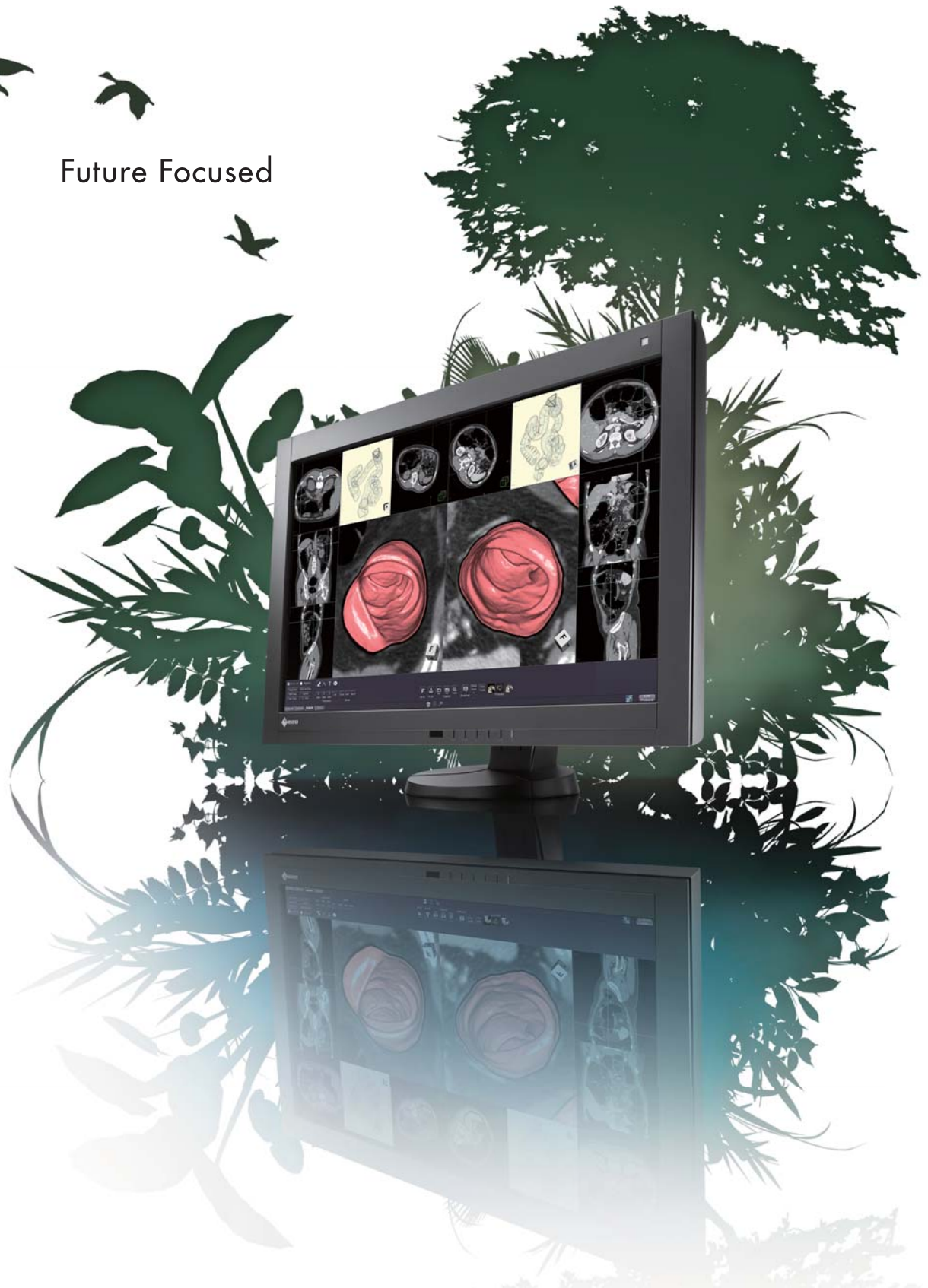




Diagnostic Monitors
RadiForce® G&R-Series

Future Focused



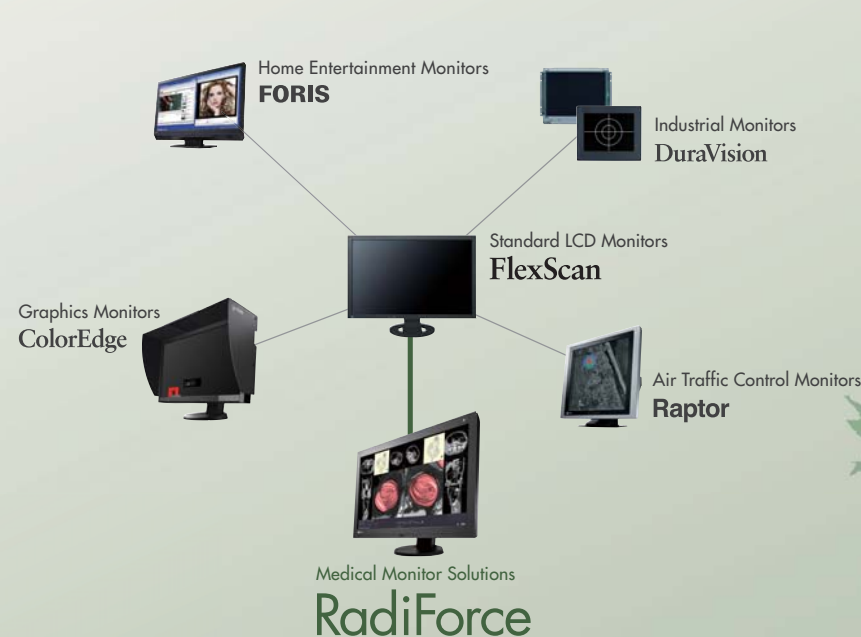
The EIZO Brand

Since our beginnings as an OEM manufacturer of black and white televisions in 1968, EIZO has been researching and developing visual display products. In 1981, we released our first CRT monitor for personal computers. And in 1985, we launched products for the European and American markets under the universal brand name “EIZO”. Today, EIZO monitors are highly regarded in various fields throughout the world because of their accurate and stable image display and innovative features.



Added Value

With our general-purpose FlexScan monitors at the core of our product lineup, we continue to develop products with added value that meet the advanced needs of specialized fields. The technologies we develop for specialized fields are further developed for each business unit so we can be first to market with new products.



Future Focused

EIZO’s complete spectrum of RadiForce medical monitor solutions delivers exceptionally accurate and stable image display at leading hospitals around the world.

Our commitment to technological innovation includes making products that are as ergonomically, environmentally, and economically-friendly as possible.

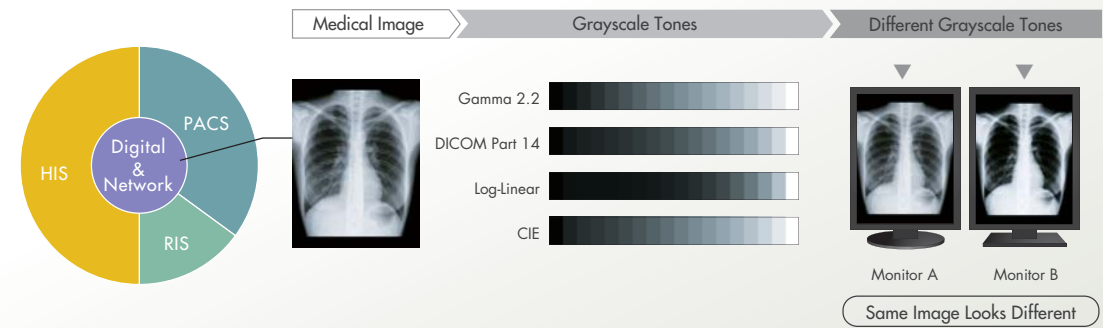
With the shift to completely filmless systems for improved efficiencies in patient care, EIZO will continue to provide products of unsurpassed quality, consistency, and value that are truly future focused.



Selecting the Optimum Monitors for Hospitals

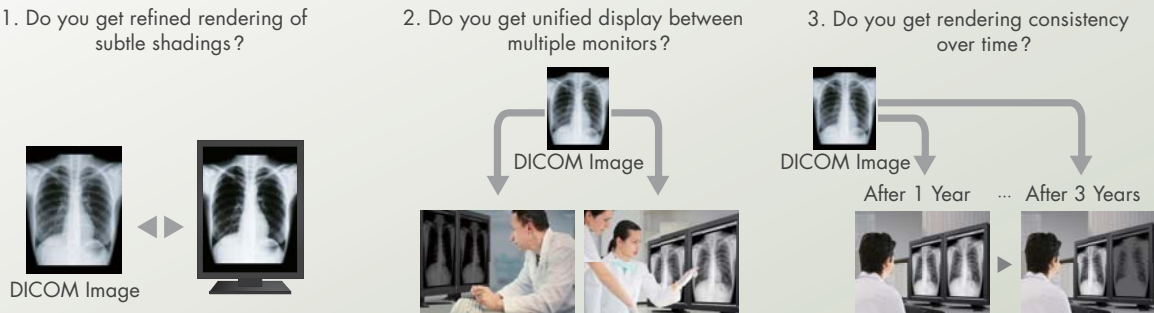
Display Differs Depending Upon Grayscale Tones

In a filmless environment, digitized medical images are displayed anywhere within networked hospitals. Monitors have grayscale tone characteristics which may vary even between the same models. A unified standard is required to display images properly and consistently, and Digital Imaging and Communications in Medicine (DICOM) Part 14 is used as a standard to adjust the grayscale tone characteristics of monitors used in the medical field.



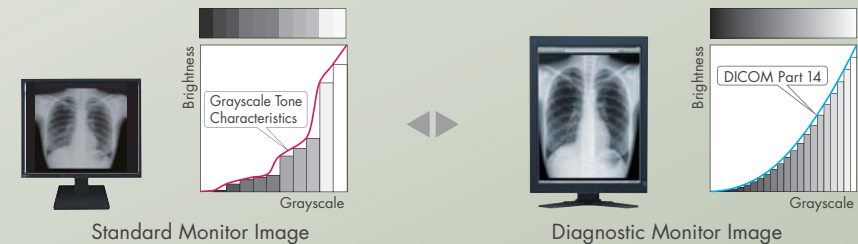
Quality Required for Monitor to Display Medical Images

When DICOM Part 14 medical images are displayed on standard monitors, they may not offer refined rendering of subtle shadings, unified display between multiple monitors, or rendering consistency over time.



RadiForce Diagnostic Monitors are Compliant with DICOM Part 14

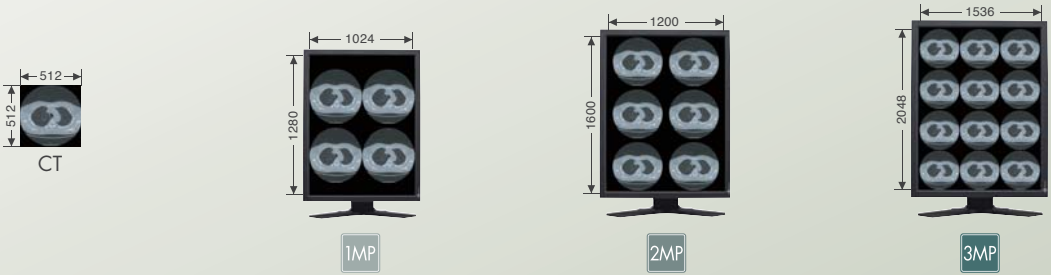
When displaying medical images, it is important that you select monitors offering refined rendering of subtle shadings, unified display between multiple monitors, and rendering consistency over time. The grayscale tones for each RadiForce diagnostic monitors are adjusted at the factory. Furthermore, they are calibration compliant with the DICOM Part 14 to ensure continuing monitor quality control.



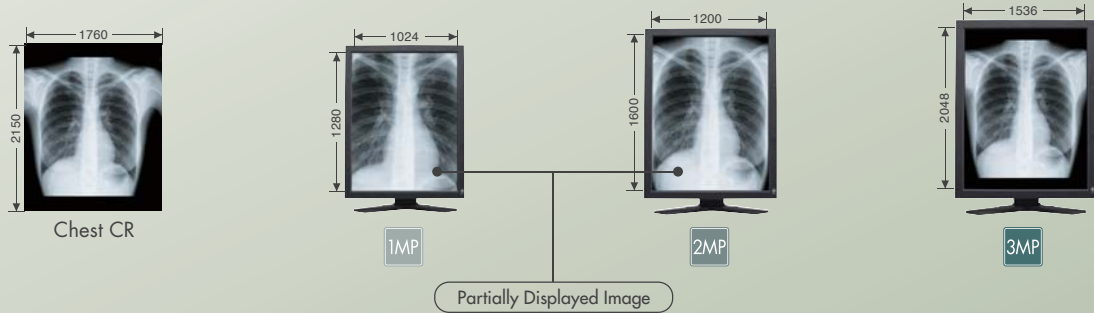
Selecting the Optimum Diagnostic Monitor

Information Volume of Medical Images and Monitors

Information volume of the medical image differs depending on the modality which creates the image. When installing monitors in your hospital, it is important to consider the “information volume” of the medical images that the monitor needs to display. For example, a 1 megapixel monitor can display 4 slices of CT with an information volume of 512×512 pixels, a 2 megapixel monitor can display 6 slices, and a 3 megapixel monitor can display 12 slices without losing any of the information.

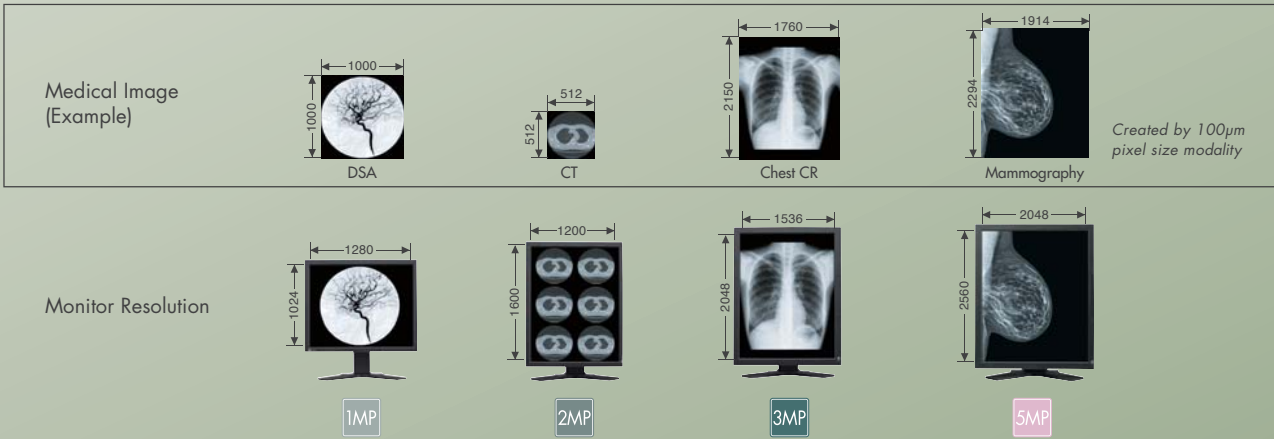


However, a chest CR which has an information volume of 1760×2150 pixels can only be displayed partially with a 1 or 2 megapixel monitor. Thus, in order to display the full image, the information must be stretched causing a thinning effect of the image. Using a 3 megapixel monitor, the image can be displayed fully without the information being thinned-out and a resulting loss in image quality.



RadiForce with the Selection of Optimum Diagnostic Monitors

It is important to select the monitor which suits the medical images. With RadiForce diagnostic monitors, you can select the optimum monitor which is suited for the information volume of the medical image you need to display.



RadiForce® G&R-Series Diagnostic Monitors

RadiForce G&R-Series specially designed 1, 2, 3, 4, 5, 8 and 10 megapixel monochrome and color monitors take full account of medical institutions' need for different types of monitors with DICOM Part 14 standard calibration and high-performance capabilities required for confident diagnosis.

Common Features

High-Definition Images

Diagnostic Precision with DICOM Part 14 Factory Adjustment

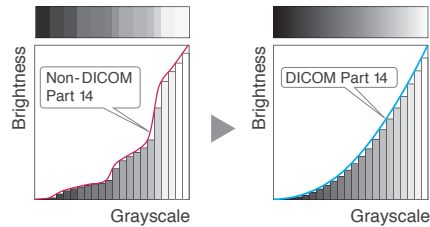
To ensure the most accurate and consistent shadings possible, EIZO carefully measures and sets every grayscale tones on the production line to produce a monitor compliant with DICOM Part 14.



Consistency with DICOM Part 14 Calibration

With the bundled RadiCS LE quality control software, a simplified calibration compliant with the DICOM Part 14 standard can be performed to correct the brightness and grayscale tones of the monitor ensuring the most accurate and consistent shadings possible over time.

RadiCS LE not bundled with GX1030 or SMD 19102.



Wide Viewing Angles for Multiple People Use

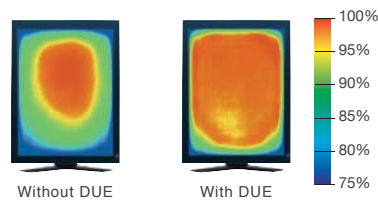
Wide Viewing angles with minimal color shift when viewed from the side.



Brightness Uniformity for a Steadier Image Across the Screen

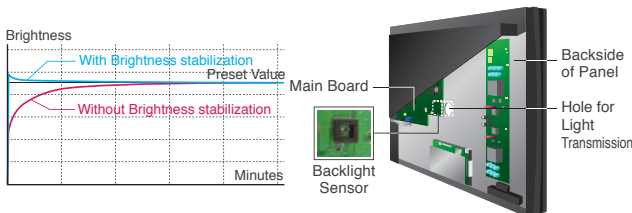
The Digital Uniformity Equalizer (DUE) function provides optimum backlight luminance uniformity which is difficult to attain due to the characteristics of LCD monitors.

All models except the SMD 19102 and RS110.



Quick Brightness Stabilization for Instant Viewing

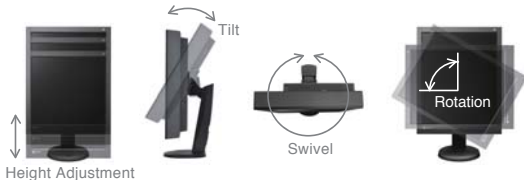
At startup or upon wakeup, the EIZO patented drift correction function quickly stabilizes the brightness level. In addition, a sensor measures the backlight brightness and compensates for brightness fluctuations caused by the ambient temperature and the passage of time.



Ergonomic Features

Versatile Positioning for Improved Operability and Less Fatigue

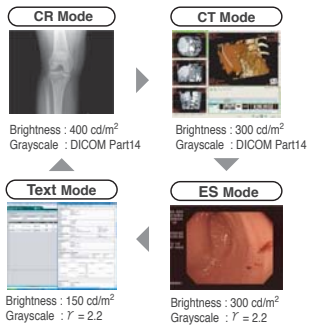
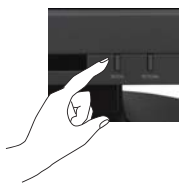
EIZO's highly versatile stand offers tilt, swivel, portrait rotation, and a wide height adjustment range enabling you to use the monitor with greater comfort.

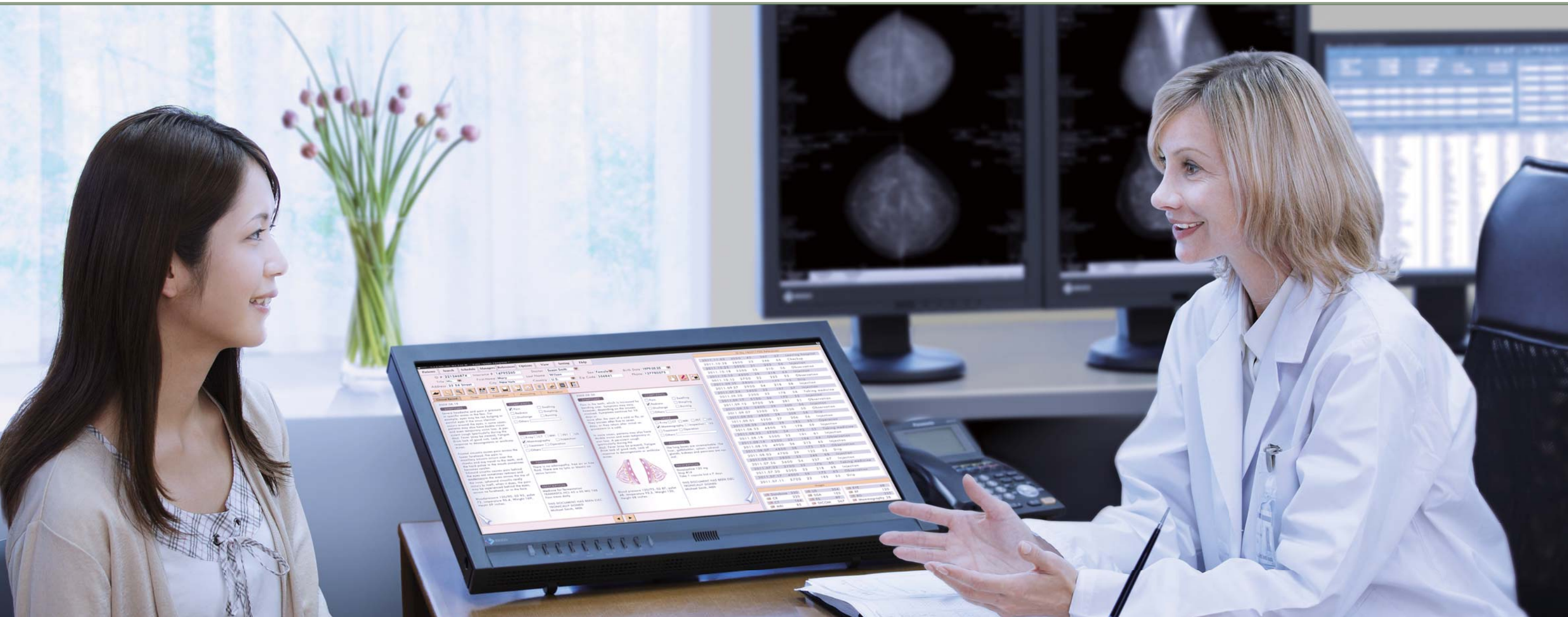


Mode Selection for Optimum Viewing

Selectable with the front panel buttons, the CAL Switch function allows for various modes of different modalities such as CR, CT, and endoscope images.

Number or type of the modes vary by model.

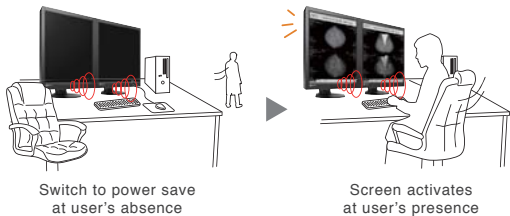




Presence Sensor for Power Savings

The presence sensor feature unites convenience with savings by ensuring that the monitor conserves power when it is not in use. The presence sensor prompts the monitor to switch to power save mode when it detects the user is away from the monitor, and then resume normal operation when the user returns.

All models except the GX1030 and SMD 19102. Clip-On Swing Sensor G2 (sold separately) necessary for RS210 and RS110.



High Quality Assurance

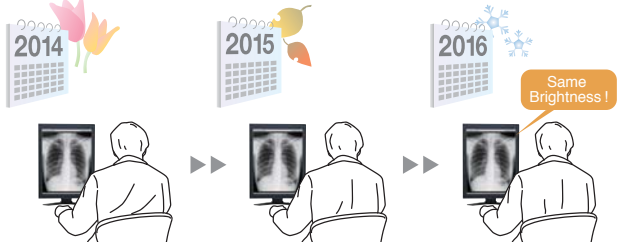
Validated Graphics Boards

EIZO-recommended graphics boards come with drivers that have validated for use with RadiForce monitors. This contributes to smooth installation of monitors into the hospital systems where high reliability and stable operation are required.



Brightness Stability Within Usage Time Guaranteed

EIZO's confidence in its product quality extends to brightness stability which is also covered during the usage time specified in the warranty for each product.



Customer Assurance with Medical Standards

Meets the strictest medical, safety, and EMC emission standards.



ISO 13485 Certification

Acquiring ISO 13485 certification demonstrates EIZO's ability to consistently meet customer requirements for our products and services.



Warranty with Safety and Trust

EIZO and its authorized distributors offer a five-year limited warranty.



With its widescreen format, the RadiForce GX1030 is an optimal replacement for dual head 5 megapixel display installations. Featuring high definition, high resolution and multi-grayscale, the RadiForce GX530 is designed specifically for displaying digital mammography images.

10MP

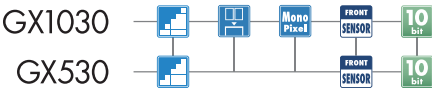
GX1030

76 cm (30") Monochrome LCD Monitor

5MP

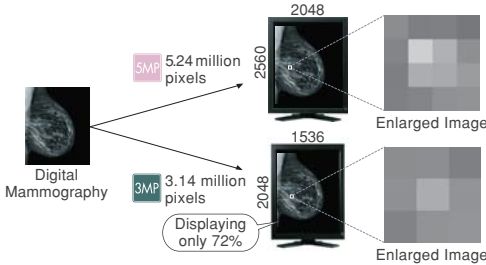
GX530

54 cm (21.3") Monochrome LCD Monitor



High-Resolution

“Information volume” of a digital mammography image should exceed 5 million pixels. When a lower resolution monitor displays this “information volume,” the monitor stretches the information forcing the mosaic to appear as shadings. With a 2048 x 2560 resolution or 5.24 million pixels, the stretching effect is minimized and the mosaic becomes suitable for rendering subtle masses and calcifications, within the mammography image.



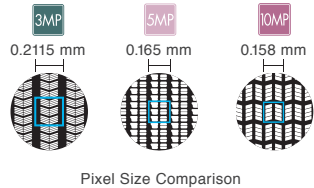
Two Monitors in One

With its 10 megapixel widescreen, the RadiForce GX1030 is an optimal replacement for traditional dual head 5 megapixel monitor installations. It is ideally suited for displaying digital mammography or other large and finely detailed DICOM images.



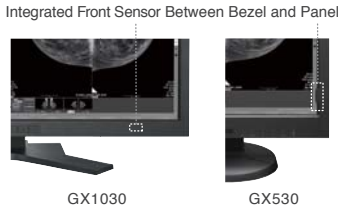
Finest Details with Mono-Pixel Design

Thanks to its unique Mono-Pixel design and a pixel pitch size of just 0.158 mm, the RadiForce GX1030 offers exceptionally high brightness levels and a wide aperture ratio to bring out the finest details with a smooth, clear representation.



Easy Calibration with Integrated Front Sensor

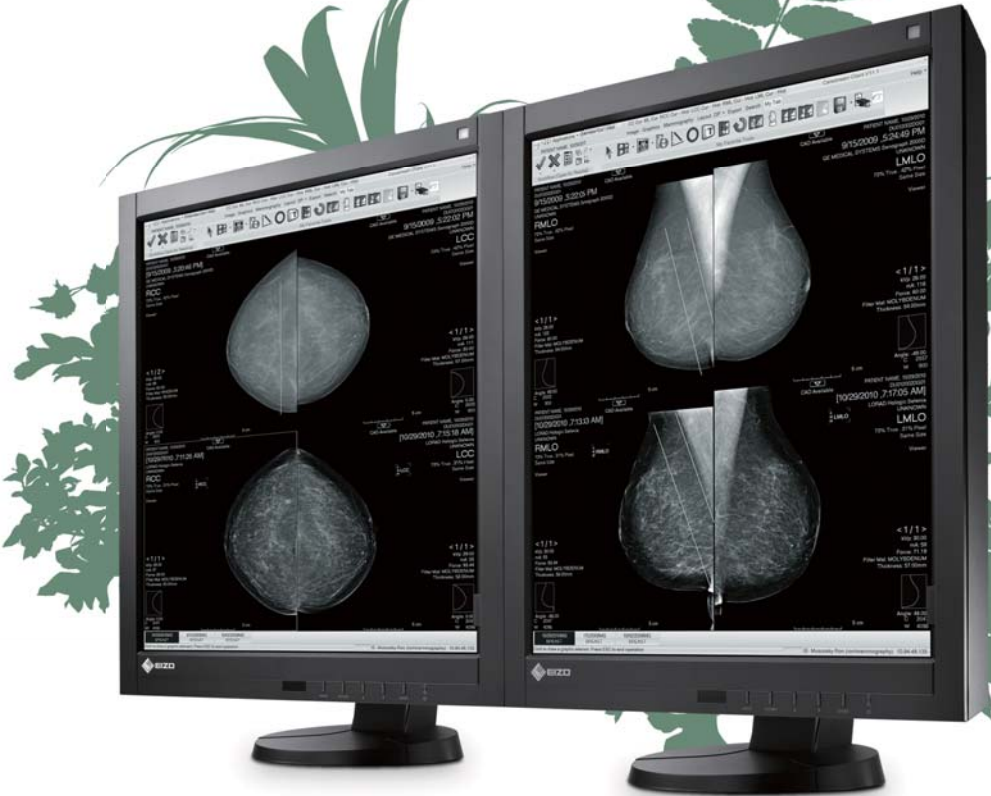
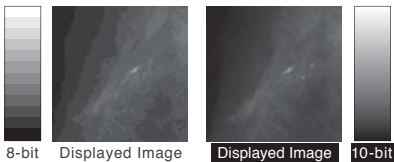
An Integrated Front Sensor housed within the front bezel performs calibration compliant to DICOM Part 14. The sensor does not interfere with the viewing area and is protected from inadvertent damage or removal.



10-Bit Simultaneous Grayscale Display

10-bit (1,024 tones) simultaneous grayscale display extends grayscale fidelity to the boundaries of human visual perception abilities and helps radiologists discern the finest nuances within an image.

10-bit graphics board and 10-bit viewer software needed for 10-bit display.



The RadiForce RX840 is a new 8 megapixel super high resolution diagnostic color monitor for versatile medical imaging. The high resolution of 4 megapixels gives RadiForce RX430 the same amount of screen size and number of pixels as two 2 megapixel monitors in portrait mode but without the obtrusive bezels.

8MP

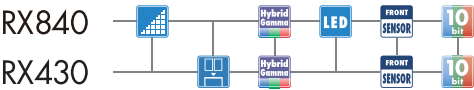
RX840

92 cm (36.4") Color LCD Monitor

4MP

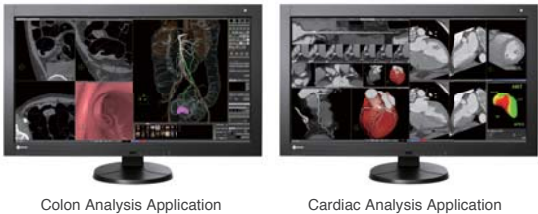
RX430

76 cm (29.8") Color LCD Monitor



8 Megapixel Super-High-Resolution Display

Within its 36.4-inch screen size, RadiForce RX840 is capable of displaying 8 megapixels (4096 x 2160 native resolution) of information volume without the obtrusive bezels. The monitor gives plenty of room to display all necessary imaging applications or windows at once.



4 Megapixel Bezel-Less Widescreen

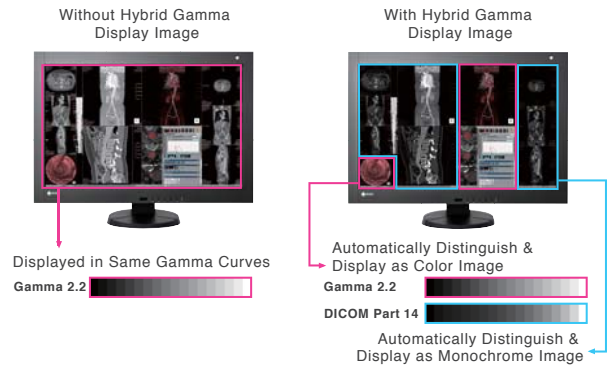
The screen size and native resolution of 4 megapixels give this monitor the same amount of screen size and number of pixels as two 2 megapixel monitors in portrait mode but without the obtrusive bezels. This simplifies comparing images or allows for showing more information within one screen.



Color and Monochrome Images with Separate Gamma Curves

EIZO's unique Hybrid Gamma function distinguishes whether the images being displayed are monochrome or color and displays each image in optimum brightness and grayscale tones. This expands the usability of PACS applications constantly attaining sufficiency with mix of color and monochrome medical images.

Accuracy in distinguishing between grayscale and color images may depend on how they are aligned. Viewer software compatibility verification is required.



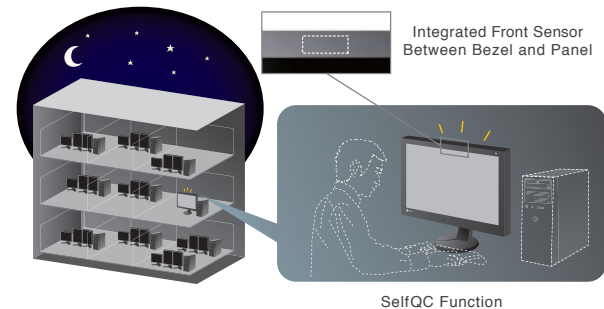
LED Longer Service Life with LED Backlight

Unlike conventional CCFL backlights, LED backlights deteriorate more slowly and thus the monitor offers a longer service life. This ensures stable and reliable performance that is needed for diagnostic monitors. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.



Easy Calibration with Integrated Front Sensor

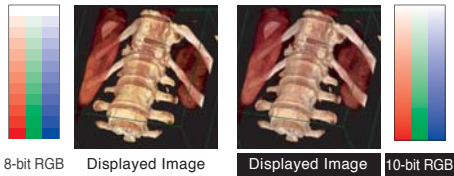
An Integrated Front Sensor housed within the front bezel performs calibration compliant to DICOM Part 14. The sensor does not interfere with the viewing area and is protected from inadvertent damage or removal. By installing the bundled RadiCS LE software, the Integrated Front Sensor and RadiCS SelfQC function allows QC tasks to be performed by the monitor itself even when the connected workstation is switched off.



10-bit Color

The monitor can support 10-bit input for each RGB color, displaying more than one billion colors simultaneously. This ensures accurate reproduction of color tones for 3D color rendering and image fusion.

10-bit color graphics board and 10-bit color viewer software needed for 10-bit color display.



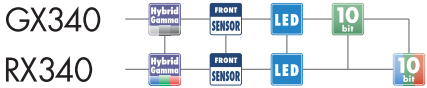
With high resolution capabilities, these 3 megapixel monitors can fully display chest X-ray images. The 3 megapixel monochrome monitor, featuring high brightness and multi-grayscale display, offers highly refined rendering of extremely delicate CR and DR grayscale shadings. The 3MP color monitor offers high brightness for accurate display of 3D and fusion color images as well as CR and MRI monochrome images.

3MP GX340

54 cm (21.3") Monochrome LCD Monitor

3MP RX340

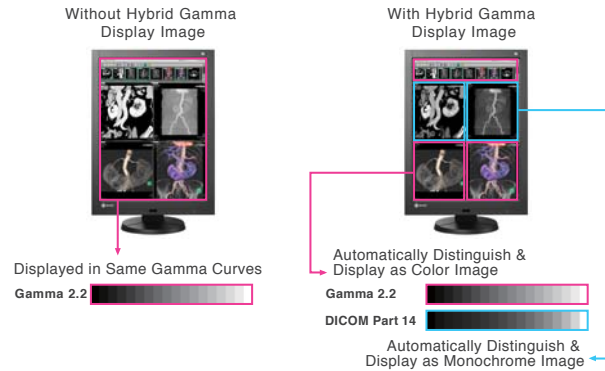
54 cm (21.2") Color LCD Monitor



Color and Monochrome Images with Separate Gamma Curves

EIZO's unique Hybrid Gamma function distinguishes whether the images being displayed are monochrome or color and displays each image in optimum brightness and grayscale tones. This expands the usability of PACS applications constantly attaining sufficiency with mix of color and monochrome medical images.

Accuracy in distinguishing between grayscale and color images may depend on how they are aligned. Viewer software compatibility verification is required.



Hybrid Gamma Displaying with Separate Brightness Levels

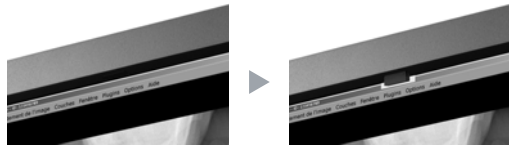
For monochrome monitors, Hybrid Gamma function automatically distinguishes the medical images from the non-medical areas such as the tool palettes and displays each one at its optimum brightness. Decreasing the tool palette area's brightness leads to less eye fatigue.

Accuracy in distinction may depend on how images are aligned. Viewer software compatibility verification is required.



Easy Calibration with Integrated Front Sensor

An Integrated Front Sensor (IFS) housed within the front bezel measures brightness and grayscale tones and calibrates to the DICOM Part 14 standard. Without having to connect and disconnect, an IFS performs QC tasks and does not interfere with the viewing area. This dramatically cuts monitor quality control workload and maintenance costs.



LED Longer Service Life with LED Backlight

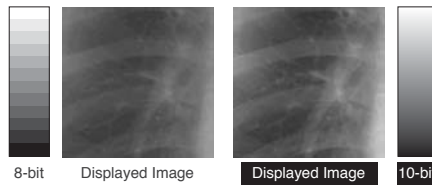
Unlike conventional CCFL backlights, LED backlights deteriorate more slowly and thus the monitor offers a longer service life. This ensures stable and reliable performance that is needed for diagnostic monitors. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.



10-bit 10-Bit Simultaneous Grayscale Display

10-bit (1,024 tones) simultaneous grayscale display extends grayscale fidelity to the boundaries of human visual perception abilities and helps radiologists discern the finest nuances within an image.

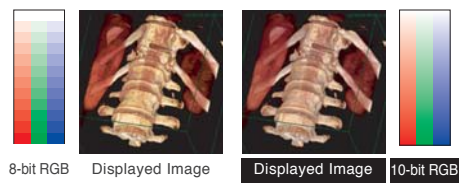
10-bit graphics board and 10-bit viewer software needed for 10-bit display.



10-bit 10-bit Color

The monitor can support 10-bit input for each RGB color, displaying more than one billion colors simultaneously. This ensures accurate reproduction of color tones for 3D color rendering and image fusion.

10-bit color graphics board and 10-bit color viewer software needed for 10-bit color display.



2 megapixel high-resolution diagnostic monochrome monitor is ideal for a wide variety of tasks from viewing CR, DR, MRI and CT images to use as a PACS/HIS/RIS terminal. The high brightness 2 megapixel color monitor is ideal for displaying both monochrome and color images. The space-efficient 1 megapixel monitors are ideal for referral imaging and review of CT and MRI images in a distributed PACS environment.

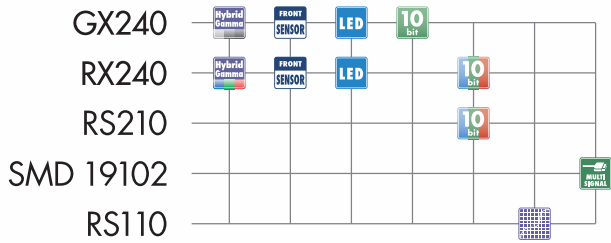
2MP GX240
54 cm (21.3") Monochrome LCD Monitor

2MP RX240
54 cm (21.3") Color LCD Monitor

2MP RS210
54 cm (21.3") Color LCD Monitor

1MP SMD 19102
48 cm (19") Monochrome LCD Monitor

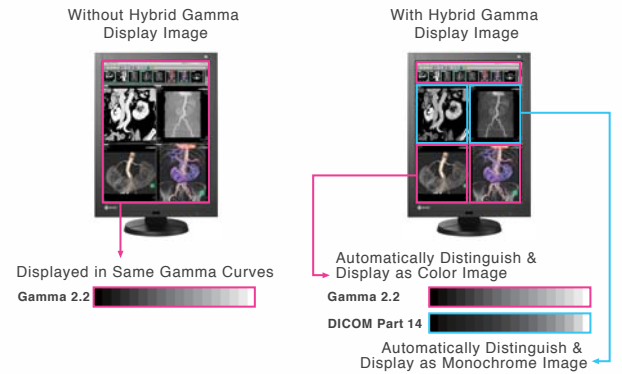
1MP RS110
48 cm (19") Color LCD Monitor



Color and Monochrome Images with Separate Gamma Curves

EIZO's unique Hybrid Gamma function distinguishes whether the images being displayed are monochrome or color and displays each image in optimum brightness and grayscale tones. This expands the usability of PACS applications constantly attaining sufficiency with mix of color and monochrome medical images.

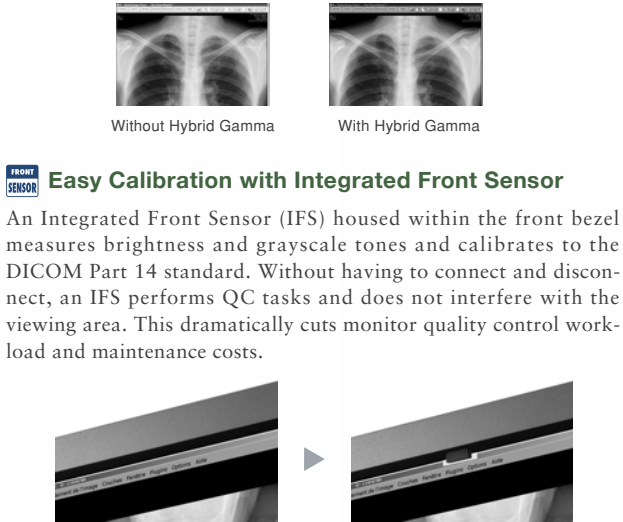
Accuracy in distinguishing between grayscale and color images may depend on how they are aligned. Viewer software compatibility verification is required.



Displaying with Separate Brightness Levels

For monochrome monitors, Hybrid Gamma function automatically distinguishes the medical images from the non-medical areas such as the tool palettes and displays each one at its optimum brightness. Decreasing the tool palette area's brightness leads to less eye fatigue.

Accuracy in distinction may depend on how images are aligned. Viewer software compatibility verification is required.



LED Longer Service Life with LED Backlight

Unlike conventional CCFL backlights, LED backlights deteriorate more slowly and thus the monitor offers a longer service life. This ensures stable and reliable performance that is needed for diagnostic monitors. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.

10-Bit Simultaneous Grayscale Display

10-bit (1,024 tones) simultaneous grayscale display extends grayscale fidelity to the boundaries of human visual perception abilities and helps radiologists discern the finest nuances within an image.

10-bit graphics board and 10-bit viewer software needed for 10-bit display.

10-bit Color

The monitor can support 10-bit input for each RGB color, displaying more than one billion colors simultaneously. This ensures accurate reproduction of color tones for 3D color rendering and image fusion.

10-bit color graphics board and 10-bit color viewer software needed for 10-bit color display.

ToneCurve Tuning Utility

ToneCurve Tuning Utility uses the monitor's 10-bit look-up tables (LUT) for adjustment of grayscale and color tones to the desired values.

Wide Range of Input Support

Multiple input signal support, including DVI-I, BNC, D-Sub mini 15 pin, and S-Video, allows for connecting with any legacy or state-of-the-art modality system.





Monitor Quality Control Solutions

Managing the quality of monitors used every day leads to the improvement of the quality of medical care itself.

With filmless imaging spreading in the medical world, there is a growing interest in maintaining the quality of monitors displaying medical images. With the know-how and experience as a specialist in monitor manufacturing, we offer state-of-the-art solutions for the quality control of monitors which will lead to the improvement of the quality of medical care itself.

Client

Quality Control Software
RadiCS®



- User-Friendly Interface and Enhanced Operability
- Acceptance and Constancy Testing in Easy Steps
- Flexible Schedule Setting
- DICOM Part 14 Calibration

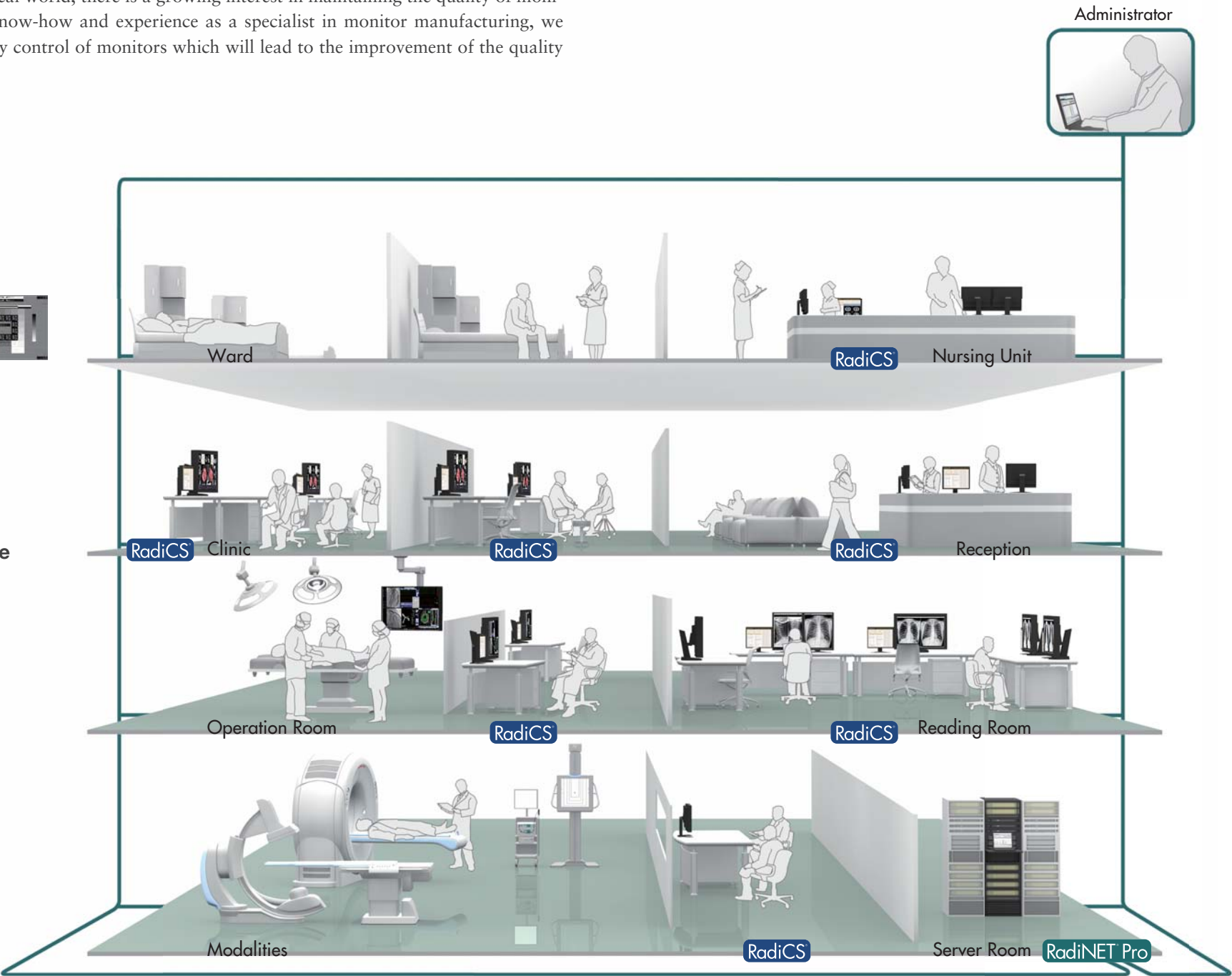
Administrator

Network QC Management Software
RadiNET® Pro



- Centralized Management of up to 8,000 Monitors
- Easy-to-Use Web-Based Application
- To-Do List and Alert Mail for Immediate Maintenance
- Save Time with Remote Calibration

RadiNET Pro Starter Edition can manage up to 20 monitors.



Client

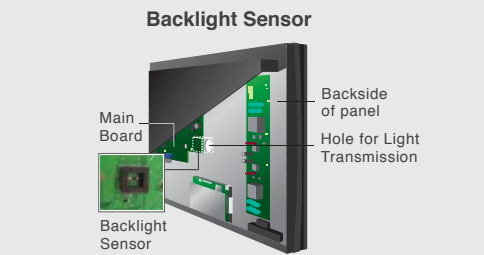
Useful Sensors:

Choice of sensors to lighten the workload of quality control management.

Built-In

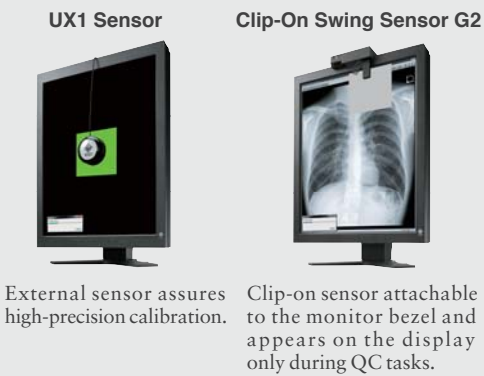
Integrated Front Sensor

Integrated Front Sensor (IFS) housed within the front bezel does not interfere with the screen even during its use.



Built-in backlight sensor inspects monitor quality by measuring the backlight brightness directly.

External



Graphics Board Compatibility

	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16 / x1	PCI
	Xenia Pro	Xenia	MED-V5800	MED-V4800	MED-V3800	MED-Q5120	FirePro 2270 R	RAD LPX-PCI
Chassis	Standard	Standard	Standard	Standard	Standard & Low-Profile	Standard & Low-Profile	Standard & Low-Profile	Standard & Low-Profile
Compatible OS	Windows 7 / Vista / XP	Windows 7 / Vista / XP	Windows 7 / Vista / XP	Windows 7 / Vista / XP	Windows 7 / Vista / XP	Windows Vista / XP	Windows 7 / Vista / XP	Windows 7 / Vista / XP
Output Terminal	DVI-I x 3	DVI-I x 3	DVI-I x 1, DisplayPort x 2	DVI-I x 1, DisplayPort x 2	DVI-I x 1, DisplayPort x 1	DVI-I x 4	DVI-I x 2	DVI-I x 2
Frame Buffer Memory	1 GB	512 MB	1 GB	1 GB	512 MB	512 MB	512 MB	256 MB
Power Consumption	36.3 W	34.3 W	74 W	69 W	43 W	35 W	17 W	10.5 W
Dimensions (W x H)	167.64 x 111.15 mm	167.64 x 111.15 mm	228.6 x 111.15 mm	167.6 x 111.1 mm	167.64 x 69.85 mm	167.64 x 64.41 mm	167.64 x 64.41 mm	167.6 x 64.5 mm
10MP GX1030	10 bit 8 bit		10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	
8MP RX840	8 bit		10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	
5MP GX530	8 bit		10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	
4MP RX430	10 bit 8 bit		10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	
3MP GX340	8 bit	8 bit	10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	8 bit
3MP RX340	8 bit	8 bit	10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	8 bit
2MP GX240	8 bit	8 bit	10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	8 bit
2MP RX240	8 bit	8 bit	10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	8 bit
2MP RS210	8 bit	8 bit	10 bit 8 bit	10 bit 8 bit	10 bit 8 bit	8 bit	8 bit	8 bit
1MP SMD 19102	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit
1MP RS110	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit
10 bit 8 bit 10 bit Recommended 10 bit 8 bit Compatible Graphics board compatibility is subject to change without notice. Please check the website for updates.								

Accessory Compatibility

	Wall Mount Arm		Dual Height Adjustable Stand	Panel Protector	Monitor Cleaning Kit
	LA-030-W	LA-011-W	LS-HM1-D ¹		ScreenCleaner [®]
Available Colors	Black, Gray	Black	Black, Gray	Surface Treatment: Anti-Glare Type	
Mounting Desk / Wall Requirements	130 kg min.	130 kg min.	Height Adjustment Range: 75 mm, 6 stages (0 / 15 / 30 / 45 / 60 / 75 mm) Horizontal Slide Range: 80 mm max.	Light Transmission: More than 99% (RP-902: More than 95%)	
Load Capacity	4 - 9 kg	4 - 9 kg	—		
Weight	2.8 kg	1.4 kg	6.8 kg		
Hole Spacing	100 x 100 mm	100 x 100 mm	100 x 100 mm		
10MP GX1030	—	—	—	—	
8MP RX840	—	—	—	—	
5MP GX530	○	○	○	RP-904	
4MP RX430	—	—	—	(RX430-FC: Built-In Panel Protector)	
3MP GX340	○	○	○	RP-903 ²	
3MP RX340	○	○	—	RP-902 ²	
2MP GX240	○	○	○	RP-903 ²	
2MP RX240	○	○	○	RP-903 ²	
2MP RS210	○	○	○	RP-902	
1MP SMD 19102	○	○	○	—	
1MP RS110	○	○	○	RP-701	
Dimensions (Unit: mm)					

1 To be used with same model only. 2 Integrated Front Sensor is unusable with panel protector.

Specifications



10MP RadiForce
GX1030



8MP RadiForce
RX840



5MP RadiForce
GX530



4MP RadiForce
RX430



3MP RadiForce
GX340



3MP RadiForce
RX340

Model Variations	GX1030-CL: Clear Base GX1030-BL: Blue Base	—	GX530-CL: Clear Base GX530-CL-P: Pairing GX530-BL: Blue Base GX530-BL-P: Pairing GX530-CLAR: Clear Base with AR Coating GX530-CLAR-P: Pairing	RX430: With Stand, Without Panel Protector RX430-FC: Without Stand, With Panel Protector	GX340-CL: Clear Base GX340-CL-P: Pairing	—
Cabinet Color	Black	Black	Black	Black	Black	Black
Panel Type	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)
Panel Size	76 cm / 30" (763 mm diagonal)	92 cm / 36.4" (923 mm diagonal)	54 cm / 21.3" (540 mm diagonal)	76 cm / 29.8" (756 mm diagonal)	54 cm / 21.3" (541 mm diagonal)	54 cm / 21.2" (539 mm diagonal)
Display Size (H x V)	645.1 x 403.2 mm	817.1 x 430.9 mm	337.9 x 422.4 mm	641.2 x 400.8 mm	324.8 x 433.1 mm	323.7 x 431.6 mm
Pixel Pitch	0.158 x 0.158 mm	0.1995 x 0.1995 mm	0.165 x 0.165 mm	0.2505 x 0.2505 mm	0.2115 x 0.2115 mm	0.21075 x 0.21075 mm
Native Resolution	4096 x 2560	4096 x 2160	2048 x 2560	2560 x 1600	1536 x 2048	1536 x 2048
Grayscale Tones	1,024 from a palette of 4,096 tones	—	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	—	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	—
Display Colors	—	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	—	10-bit colors: 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	—	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors
Viewing Angles (H, V)	170°, 170°	176°, 176°	170°, 170°	170°, 170°	176°, 176°	170°, 170°
Brightness (typical)	1,250 cd/m ²	700 cd/m ²	1,200 cd/m ²	1,000 cd/m ²	1,200 cd/m ²	1,000 cd/m ²
Recommended Brightness for Calibration	500 cd/m ²	400 cd/m ²	500 cd/m ²	400 cd/m ²	500 cd/m ²	400 cd/m ²
Contrast Ratio (typical)	850:1	1000:1	1200:1	1100:1	1400:1	1400:1
Response Time (typical)	35 ms (On/Off)	25 ms (On/Off)	25 ms (On/Off)	20 ms (On/Off)	40 ms (On/Off)	22 ms (On/Off)
Scanning Frequency (H, V)	31 - 135 kHz, 19 - 51 Hz Frame synchronous mode: 24.5 - 25.5 Hz, 49 - 51 Hz	31 - 140 kHz, 29.5 - 30.5 Hz (2048 x 2160, 1920 x 2160), 59 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz	31 - 135 kHz, 24 - 61 Hz Frame synchronous mode: 24.5 - 25.5 Hz, 49 - 51 Hz	31 - 100 kHz, 29.5 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz, 29.5 - 30.5 Hz	31 - 127 kHz, 29 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz	31 - 127 kHz, 29 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz
Dot Clock	290 MHz	DVI-D: 310 MHz, DisplayPort: 290 MHz	290 MHz	269 MHz	215 MHz	215 MHz
Input Terminals	DVI-D x 2 (two inputs are required)	DVI-D (dual link) x 2, DisplayPort x 2 (two inputs are required)	DVI-D (dual link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DisplayPort x 1
Sync Formats	—	—	—	—	—	—
USB Ports / Standard	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0
Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
Maximum Power Consumption / Save Mode	140 W / Less than 2 W	350 W / Less than 6 W	130 W / Less than 2.5 W	200 W / Less than 1 W	90 W / Less than 1.6 W	125 W / Less than 3 W
Power Management	DVI DMPM	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a
Sensor	Backlight Sensor, Integrated Front Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor
OSD Languages	English	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Net Weight (With Stand / Without Stand)	15.3 kg / 11.8 kg	30.9 kg (AC adapter included) / 23.2 kg	10.5 kg / 7.8 kg	RX430: 19.2 kg / 15.2 kg RX430-FC: - / 16 kg	10.2 kg / 7.5 kg	10.7 kg / 8 kg
Hole Spacing	VESA standard 200 x 100 mm and 100 x 100 mm	VESA standard 200 x 200 mm	VESA standard 100 x 100 mm	VESA standard 200 x 100 mm and 100 x 100 mm	VESA standard 100 x 100 mm	VESA standard 100 x 100 mm
Certifications and Standards*	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R
FDA 510(k) Clearance	Yes (for Mammography and General Radiography)	Pending (for General Radiography)	Pending (for Mammography and General Radiography)	Pending (for General Radiography)	Pending (for General Radiography)	Pending (for General Radiography)
Supplied Accessories	AC power cord, dual link signal cable (DVI-D ~ DVI-D) x 2, DVI-D ~ DisplayPort adapter x 2, USB cable, Utility Disk (user's manual)	AC power cord, AC adapter, dual link signal cable (DVI-D ~ DVI-D) x 2, signal cable (DisplayPort ~ DisplayPort) x 2, USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual), 4 screws for mount option	AC power cord, dual link signal cable (DVI-D ~ DVI-D), signal cable (DisplayPort ~ DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual), ScreenCleaner (GX530-CLAR only)	AC power cord, dual link signal cable (DVI-D ~ DVI-D), signal cable (DisplayPort ~ DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical), ScreenCleaner (RX430-FC only), user's manual	AC power cord, dual link signal cable (DVI-D ~ DVI-D), signal cable (DisplayPort ~ DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, dual link signal cable (DVI-D ~ DVI-D), signal cable (DisplayPort ~ DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)
Warranty	Five Years	Five Years	Five Years	Five Years	Five Years	Five Years

Dimensions (Unit: mm)						
GX1030 :						

*Please contact the EIZO subsidiary or distributor in your country for the latest information.

Specifications



2MP RadiForce
GX240



2MP RadiForce
RX240



2MP RadiForce
RS210



1MP SMD 19102



1MP RadiForce
RS110

Model Variations	GX240-CL: Clear Base GX240-CL-P: Pairing	—	—	SMD 19102 D: With Stand SMD 19102 C: Without Stand SMD 19102 CP: Without Stand, with Panel Protector	—
Cabinet Color	Black	Black	Black	Anthracite Gray	Black
Panel Type	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)
Panel Size	54 cm / 21.3" (540 mm diagonal)	54 cm / 21.3" (540 mm diagonal)	54 cm / 21.3" (540 mm diagonal)	48 cm / 19" (481 mm diagonal)	48 cm / 19" (481 mm diagonal)
Display Size (H x V)	324.0 x 432.0 mm	324.0 x 432.0 mm	432.0 x 324.0 mm	376.0 x 301.0 mm	376.3 x 301.0 mm
Pixel Pitch	0.270 x 0.270 mm	0.270 x 0.270 mm	0.270 x 0.270 mm	0.294 x 0.294 mm	0.294 x 0.294 mm
Native Resolution	1200 x 1600	1200 x 1600	1600 x 1200	1280 x 1024	1280 x 1024
Grayscale Tones	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	—	—	256 tones	—
Display Colors	—	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	—	16.77 million from a palette of 1.06 billion colors
Viewing Angles (H, V)	176°, 176°	176°, 176°	170°, 170°	170°, 170°	176°, 176°
Brightness (typical)	1,200 cd/m ²	760 cd/m ²	300 cd/m ²	1,000 cd/m ²	290 cd/m ²
Recommended Brightness for Calibration	500 cd/m ²	400 cd/m ²	150 cd/m ²	400 cd/m ²	170 cd/m ²
Contrast Ratio (typical)	1400:1	1200:1	1000:1	900:1	800:1
Response Time (typical)	40 ms (On/Off)	40 ms (On/Off)	25 ms (On/Off)	25 ms (On/Off)	20 ms (On/Off)
Scanning Frequency (H, V)	31 - 100 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz	31 - 100 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz	Digital: 31 - 100 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) Analog: 31 - 100 kHz, 49 - 86 Hz (1600 x 1200: 49 - 61 Hz) Frame synchronous mode: 59 - 61 Hz	Digital: 31 - 100 kHz, 48 - 85 Hz Analog: 24 - 100 kHz, 50 - 100 Hz	Digital: 30 - 65 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) Analog: 30 - 82 kHz, 49 - 86 Hz (1280 x 1024: 49 - 76 Hz) Frame synchronous mode: 57.5 - 62 Hz
Dot Clock	164.5 MHz	164.5 MHz	Digital: 164.5 MHz, Analog: 170 MHz	135 MHz	Digital: 108 MHz, Analog: 135 MHz
Input Terminals	DVI-D x 1, DisplayPort x 1	DVI-D x 1, DisplayPort x 1	DVI-I x 2, DisplayPort x 1	DVI-I x 1, D-Sub mini 15 pin x 1, BNC x 4, S-Video x 1	DVI-I x 1, D-Sub mini 15 pin x 1
Sync Formats	—	—	Separate, Composite, Sync-on-Green	Separate, Composite, Sync-on-Green	Separate, Composite, Sync-on-Green
USB Ports / Standard	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0	—	1 upstream, 2 downstream / Rev. 2.0
Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
Maximum Power Consumption / Save Mode	85 W / Less than 1.6 W	105 W / Less than 1.6 W	64 W / Less than 0.8 W	58 W / Less than 8 W	55 W / Less than 1.3 W
Power Management	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	Digital: DVI DMPM, DisplayPort 1.1a, Analog: VESA DPM	Digital: DVI DMPM, Analog: VESA DPM	Digital: DVI DMPM, Analog: VESA DPM
Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor	Backlight Sensor	Backlight Sensor
OSD Languages	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Net Weight (With Stand / Without Stand)	10.2 kg / 7.5 kg	10.2 kg / 7.5 kg	10.3 kg / 7.1 kg	10.7 kg / 6.4 kg, with Panel Protector 7 kg	7.2 kg / 5.3 kg
Hole Spacing	VESA standard 100 x 100 mm	VESA standard 100 x 100 mm	VESA standard 100 x 100 mm	VESA standard 100 x 100 mm	VESA standard 100 x 100 mm
Certifications and Standards*	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-A, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, CCC, GOST-R
FDA 510(k) Clearance	Pending (for General Radiography)	Pending (for General Radiography)	Yes (for General Radiography)	—	Yes (for General Radiography)
Supplied Accessories	AC power cord, signal cable (DVI-D ~ DVI-D, DisplayPort ~ DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, signal cable (DVI-D ~ DVI-D, DisplayPort ~ DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, signal cables (DVI-D ~ DVI-D, DisplayPort ~ DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical), user's manual	AC power cord, signal cable (DVI-D ~ DVI-D), Utility Disk (user's manual)	AC power cord, signal cables (DVI-D ~ DVI-D), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical), ToneCurve Tuning Utility, user's manual, warranty card
Warranty	Five Years	Five Years	Five Years	Five Years	Five Years
Dimensions (Unit: mm)	 RS210, SMD 19102, RS110 : Swivel: 176° / 176° Tilt: 30° Pivot: 90° Height Adjustment: 79 Base: 211, 208, 245.5	 Tilt: 30° Pivot: 90° Height Adjustment: 79 Base: 211, 208, 245.5	 Tilt: 40° Pivot: 90° Height Adjustment: 82 Base: 325, 208.5	 Tilt: 40° Pivot: 90° Height Adjustment: 82 Base: 398.6, 229.6	 Tilt: 30° Pivot: 90° Height Adjustment: 82 Base: 319.2, 204.6

*Please contact the EIZO subsidiary or distributor in your country for the latest information.

Environmental Awareness

Harmonizing with Environment and Society

We are conscious of the importance of environmental preservation as a common issue for all humankind and pledge to do our utmost to protect the environment in all aspects of our corporate operations. We obtained ISO 14001 certification, and all our employees are committed to the effective use of natural resources and energy, and also to reducing CO₂ emissions causing global warming.



Manufacturing Environmentally-Friendly Products

Based on our awareness that our products have an impact on the environment and our pledge to consider respect for the environment as an integral part of product quality, we have continued to lead the industry in our efforts to reduce the environmental impact of our products. In product development, we vigorously work to ensure that our products comply with domestic and international legal requirements and environmental standards of third-party organizations.



RoHS Directive The RoHS Directive is a European regulation restricting the use of hazardous substances that has been enforced within the European Union since July 2006. The directive covers electrical and electronic equipment and restricts or bans the use of six substances that are harmful to the global environment or human health: lead, mercury, cadmium, hexavalent chromium, PBB and PBDE. Products that do not comply with the RoHS Directive cannot be sold in Europe.



EIZO NANAo CORPORATION

153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan

Phone +81-76-277-6792 Fax +81-76-277-6793

www.eizo.com

All product names are trademarks or registered trademarks of their respective companies.
EIZO, RadiForce, FlexScan, ScreenManager, RadiCS and RadiNET are registered trademarks of
Eizo Nanao Corporation. Specifications are subject to change without notice.

Copyright© 2011 EIZO NANAo CORPORATION. All rights reserved. Printed in Japan, 11, 2011, 4K (111101)